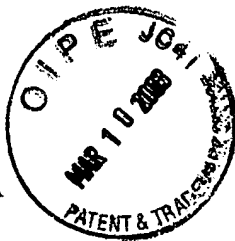


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PATENT

K. Ward  
3/19/03  
#14 Terminal  
Disclaimer

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Stanwood, et al.  
Appl. No. : 09/316,518  
Filed : May 21, 1999  
For : (Amended) METHOD AND  
APPARATUS FOR  
ALLOCATING BANDWIDTH  
IN A WIRELESS  
COMMUNICATION SYSTEM  
Examiner : Anh-Vu H Ly

Group Art Unit 2662

I hereby certify that this correspondence and all  
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Patent and Trademark Office, P.O. Box 2327,  
Arlington, VA 22202, on

3/4/03  
(Date)

James F. Herkenhoff, Reg. No. 51,241

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Technology Center 2600

TERMINAL DISCLAIMER

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

In accordance with 37 C.F.R. §3.73(b), Petitioner, Ensemble Communications, Inc. represents that it is the assignee and sole owner of the entire right, title and interest in the patent application identified above by virtue of an assignment recorded at Reel 10794/Frame 0513 and at Reel 9722/Frame 0248.

This application is a continuation of application Serial No. 08/974,376, now U.S. Patent No. 6,016,311, issued on January 18, 2000, entitled "ADAPTIVE TIME DIVISION DUPLEXING METHOD AND APPARATUS FOR DYNAMIC BANDWIDTH ALLOCATION WITHIN A WIRELESS COMMUNICATION SYSTEM." Petitioner certifies that it is the assignee and sole owner of the entire right, title and interest in and to U.S. Patent No. 6,016,311 by virtue of assignment from the inventors, Sheldon L. Gilbert, Rami Hadar, and Israel J. Klein. This

Appl. No. : 09/316,518  
Filed : May 21, 1999

assignment document is recorded with the U.S. Patent and Trademark Office at Reel 10794/Frame 0513. A copy of this assignment is attached hereto.

Pursuant to 37 C.F.R. § 1.321(b), Petitioner hereby disclaims the terminal part of any patent granted on the above-captioned application that would extend beyond the expiration date of the full statutory term of U.S. Patent No. 6,016,311 and hereby agrees that a patent so granted on the above-captioned application will be enforceable only for and during such period that the legal title to the patent shall be the same as the legal title to U.S. Patent No. 6,016,311. This agreement extends to the patent granted on the above-captioned application and will be binding on Petitioner's successors and assigns.

Petitioner does not disclaim any terminal part of a patent granted on the above-captioned application before the expiration date of the full statutory term of U.S. Patent Nos. 6,016,311 in the event that this patent later: expires for failure to pay maintenance fees; is held unenforceable; is found invalid; is statutorily disclaimed in whole or terminally disclaimed under C.F.R. § 1.321(a); has all claims canceled by a reexamination certificate; is reissued; or is in any manner terminated prior to the expiration of its full statutory term.

The undersigned representative verifies that he is authorized to take this action on behalf of the Petitioner.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 3/4/03

By: 

James F. Herkenhoff  
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APRIL 26, 1999

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NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 01/27/1999

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NUMBER OF PAGES: 9

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

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DOC DATE: 11/13/1998

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DOC DATE: 11/13/1998

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SERIAL NUMBER: 08974376  
PATENT NUMBER:

FILING DATE: 11/19/1997  
ISSUE DATE:

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03/04/2003 13:36 6192382

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9722/0248 PAGE 2

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